



VHF Digital/Analog Transceiver

**DJ-D15**

UHF Digital/Analog Transceiver

**DJ-D45**



Rugged, reliable radio that  
withstands your demands.



The Alinco DJ-D15(VHF)/D45(UHF) series are heavy duty handheld DMR radios packed with features that make them ideal choice for professional users. High quality design, tough construction, outstanding audio clarity and receiver specifications ensure the best possible performance and maximum communication range!

- DMR Tier I and Tier II
- RF output selectable from 5W/1W(VHF) or 4W/1W(UHF)
- Programmable up to 256 ch in 16ch/zone
- IP54 Dust & Splash proof
- Voice guidances in English
- Improved call capacity with DMO 2-slots in Direct Mode
- Up to 16 hours of operation time with 2000mAh battery pack
- ARC 40-bit Encryption supported
- Variety of security features including Radio check, Call alert, Stun/Revive/Kill & Remote monitor

## Specifications

### General

Frequency Range (TX/RX)	DJ-D15 : 136-174MHz DJ-D45 : 400-470MHz
Number of Channels	256ch
Zone capacity	16
Channel Spacing	Analog : 12.5/25kHz Digital : 12.5kHz
Operating Voltage	7.5V DC ±20%
Operating Temperature Range	-30°C to +60°C
Frequency Stability	±1.5ppm
Antenna Impedance	50Ω
Dimensions (W x H x D Approx.) with battery pack / without antenna	54.0 x 116.0 x 31.0mm
Weight (Approx.) with battery pack & antenna	275g

\* Projections are not included in the declared dimension values.

### Transmitter

RF Power Output	5W / 1W(DJ-D15), 4W/1W(DJ-D45)
Spurious Emission	Less than 1GHz : -36dBm More than 1GHz : -30dBm
FM Hum & Noise (Analog)	25kHz : 45dB 12.5kHz : 40dB
Modulation	16K0F3E / 11K0F3E / 7K60FXD / 7K60FXE
Vocoder	AMBE-2™

### Receiver

Sensitivity (Analog/12dB SINAD)	0.25µV
Sensitivity (Digital/BER)	0.25µV (5%)
Intermodulation	-65dB
Spurious Response	70dB
Audio Distortion	Less than 3% typical
Audio Output	1000mW / 16Ω

### Authorized Dealer:

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Please be sure to read the instruction manual  
before using the product for your safety.

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